

Application No. 09/481,572
Amdt Dated: March 7, 2006
Reply to Office Action of September 7, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-44. (Cancelled)

45. (Currently Amended) A method of treating a patient by inhibiting T-type calcium channels in a patient's cells, wherein said patient is suffering from chronic heart failure, congestive heart failure, ischemic condition, arrhythmia, hypertension, hypoinsulinemia, hyperinsulinemia, diabetes mellitus, hyperaldosteronemia, epilepsy, a neurogenerative disease or preterm labor, comprising administering to ~~a patient in need of such inhibition~~ said patient a composition comprising an amount of an extract of Hypericum perforatum effective to inhibit the movement of calcium ions into cells and a pharmaceutically acceptable carrier.

46. (Cancelled)

47. (Previously presented) The method according to claim 45, wherein said patient is a human.

Application No. 09/481,572
Amdt Dated: March 7, 2006
Reply to Office Action of September 7, 2005

48. (Previously presented) The method of claim 45, wherein said effective amount is about 0.05 mg to 500 mg per kg body weight of said patient.

49. (Previously presented) The method of claim 45, wherein said extract of Hypericum perforatum is a methanol or ethanol extract of Hypericum perforatum.

50. (Withdrawn) The method of claim 45, wherein the health disorder is chronic heart failure.

51. (Withdrawn) The method of claim 45, wherein said health disorder is congestive heart failure.

52. (Currently amended) The method of claim 45 ~~46~~, wherein said health disorder is ischemic condition.

53. (Currently amended) The method of claim 45 ~~46~~, wherein said health disorder is arrhythmia.

54. (Cancelled)

55. (Withdrawn) The method of claim 45, wherein said health disorder is hypertension.

56. (Withdrawn) The method of claim 45, wherein said health disorder is hypoinsulinemia.

Application No. 09/481,572
Amdt Dated: March 7, 2006
Reply to Office Action of September 7, 2005

57. (Withdrawn) The method of claim 45, wherein said health disorder is hyperinsulinemia.
58. (Withdrawn) The method of claim 45, wherein said health disorder is hyperaldosteronemia.
59. (Withdrawn) The method of claim 45, wherein said health disorder is epilepsy.
60. (Withdrawn) The method of claim 45, wherein said health disorder is a neurogenerative disease.
61. (Withdrawn) The method of claim 45, wherein said health disorder is preterm labor.
62. (Previously presented) A method according to claim 45, wherein one or more components of said extract other than hypericin contribute to the inhibition of the T-cell calcium current.
63. (Previously presented) The method of claim 45, wherein said composition consists essentially of an effective amount of an extract of *Hypericum perforatum*.
64. (Previously presented) The method of claim 45, wherein said effective amount is about 0.5 mg to 50 mg per kg body weight of said patient.